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Rabbit anti-4-Hydroxynonenal mAb

Catalog No.: RMK0538

Basic Information

Catalog No.
RMK0538

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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Background

4-hydroxy-2-nonenal (4-hydroxynonenal, 4-HNE) is a highly reactive aldehyde generated by the exposure of polyunsaturated fatty acids to peroxides and reactive oxygen species (ROS). It non-enzymatically forms stable protein adducts with histidine, lysine, and cysteine side chains that have been used as biomarkers for oxidative damage in cells. Conditions where 4-HNE immunoreactivity has been observed include include inflammation, neurodegenerative diseases, and ischemic damage to the heart and brain.

Immunogen Information

Immunogen
Chemical compounds corresponding to 4-Hydroxynonenal.

Cross-Reactivity

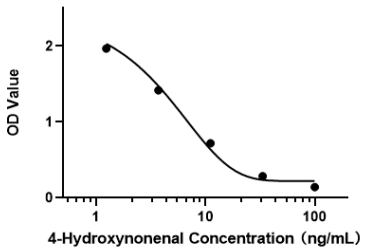
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Assay Applications

4-Hydroxynonenal ELISA

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-4-Hydroxynonenal mAb (Cat. No.RMK0538)
Standard	1.23-100ng/mL	Recombinant 4-Hydroxynonenal Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.